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Claim Amendments:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A sapphire single crystal, comprising:
a single crystal sheet having a length, width and thickness, wherein length > width > thickness, the width is not less than about 15 cm, and the thickness is not less than about 0.5 cm.
2. (Original) The crystal of claim 1, wherein the width is not less than about 20 cm.
3. (Original) The crystal of claim 1, wherein the width is not less than about 25 cm.
4. (Original) The crystal of claim 1, wherein the thickness is not less than about 0.6 cm.
5. (Previously Presented) The crystal of claim 1, wherein the thickness is not less than about 0.7 cm.
6. (Previously Presented) The sapphire single crystal of claim 1, wherein the single crystal sheet has a variation in thickness of not greater than 0.2 cm, wherein the variation in thickness is the difference between maximum and minimum thickness values along a segment spanning the width of the sheet.
7. (Original) The crystal of claim 6, wherein the variation in thickness is not greater than 0.15 cm.
8. (Original) The crystal of claim 6, wherein the variation in thickness is not greater than 0.10 cm.
9. (Original) The crystal of claim 6, wherein the variation in thickness is not greater than 0.07 cm.

10. (Canceled).

11. (Original) A sapphire single crystal, comprising:

a single crystal sheet having a length, width and thickness, wherein length > width > thickness, the width is not less than about 15 cm, the thickness is not less than about 0.5 cm, and a variation in thickness of not greater than 0.2 cm.

12. (Original) A sapphire single crystal, comprising:

an as-grown single crystal sheet having a length, width and thickness, wherein length > width > thickness, the width is not less than about 15 cm, the single crystal sheet further having a neck and a main body that defines first and second opposite lateral sides that are generally parallel to each other, a transition of the neck to the main body portion is defined by respective first and second transition points of the first and second opposite lateral sides, and the single crystal has a Δ_T not greater than 4.0 cm, wherein Δ_T is the distance by which the respective first and second transition points are spaced apart as projected along a length segment of the single crystal sheet.

13. (Original) The crystal of claim 6, wherein Δ_T is not greater than about 3.0 cm.

14. (Original) The crystal of claim 6, wherein Δ_T is not greater than about 2.0 cm.

15. (Original) The crystal of claim 6, wherein the neck increases in thickness from its distal end to the main body.

Claims 16-61 (Canceled)